

Docket No. 200889US2S

IN RE APPLICATION OF: Takashi YOSHITOMI, et al.

SERIAL NO: 09/734,658

RCE FILED: December 24, 2002

FOR: A MIM CAPACITOR HAVING FLAT DIFFUSION PREVENTION FILMS



COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ Additional documents filed herewith: Marked-Up Copy

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	32	MINUS	32	0	x \$18 =	\$0.00
INDEPENDENT	4	MINUS	4	0	x \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

☐ A check in the amount of \$0.00 is attached.

☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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DOCKET NO.: 200889US-2S

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :

TAKASHI YOSHITOMI ET AL. :

EXAMINER: PHAM, H.

SERIAL NO: 09/734,658 :

RCE FILED: DECEMBER 24, 2002 :

GROUP ART UNIT: 2814

FOR: A MIM CAPACITOR HAVING  
FLAT DIFFUSION PREVENTION  
FILMS

#16C  
P. Scott

AMENDMENT

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Official Action mailed March 12, 2003, please amend this application as follows:

IN THE CLAIMS

Please amend Claim 1 to read as follows:<sup>1</sup>

1. (Three Times Amended) A MIM capacitor comprising:

first and second electrodes formed from a metal material;

a capacitor insulating film;

a first diffusion film interposed between said capacitor insulating film and said first electrode to prevent diffusion of atoms constituting the metal material; and

a second diffusion prevention film interposed between said capacitor insulating film and said second electrode to prevent diffusion of atoms constituting the metal material;

<sup>1</sup> A marked-up copy of the changes made to this claim is attached.

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